

PCT09

RAW SEQUENCE LISTING

DATE: 10/04/2001

PATENT APPLICATION: US/09/936,790

TIME: 10:57:11

Input Set : A:\ES.txt

Output Set: N:\CRF3\10042001\I936790.raw

3 <110> APPLICANT: Genentech
 4 Adams, Sean
 5 Yu, Xiang Xian
 7 <120> TITLE OF INVENTION: CONTROL OF METABOLISM WITH COMPOSITIONS OF THE HUMAN 2-
 OXOGLUTARATE
 8 CARRIER
 10 <130> FILE REFERENCE: 10466/36
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/936,790
 C--> 13 <141> CURRENT FILING DATE: 2001-09-17
 15 <150> PRIOR APPLICATION NUMBER: 60/213,307
 16 <151> PRIOR FILING DATE: 2000-06-22
 18 <160> NUMBER OF SEQ ID NOS: 2
 20 <170> SOFTWARE: PatentIn version 3.1
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 1123
 24 <212> TYPE: DNA
 25 <213> ORGANISM: Homo sapiens; GenBank NM_003562
 27 <400> SEQUENCE: 1
 28 ccgagggcca ttgagtggcg atggcgggcga cggcgagtg cggggccggc gggatggacg 60
 30 ggaagccccg tacctccctt aagtccgtca agttcctgtt tgggggcctg gccgggatgg 120
 32 gagctacagt tttgtccag cccctggacc tgggtgaagaa ccggatgcag ttgagcgggg 180
 34 aaggggccaa gactcgagag tacaaaacca gcttccatgc cctcaccagt atcctgaagg 240
 36 cagaaggcct gaggggcatt tacactgggc tgtcggctgg cctgctgcgt caggccacct 300
 38 acaccactac cgccttggc atctataccg tgcgttttga gcgcctgact ggggctgatg 360
 40 gtactcccc tggctttctg ctgaaggctg tgattggcat gaccgcagggt gccactggtg 420
 42 cctttgtggg aacaccagcc gaagtggctc ttatccgcat gactgccgat ggccggcttc 480
 44 cagctgacca gcgcctggc tacaaaaatg tgtttaacgc cctgattcga atcaccgggg 540
 46 aagaggggtg cctcacactg tggcggggct gcacccctac catggctcgg gccgtcgtcg 600
 48 tcaatgctgc ccagctcgcc tcctactccc aatccaagca gttcttactg gactcaggct 660
 50 acttctctga caacatcctg tgccaattct gtgccagcat gatcagcggg cttgtcacca 720
 52 ctgctgcctc catgcctgtg gacattgcca agaccogaat ccagaacatg cggatgattg 780
 54 atgggaagcc ggaataacaag aacgggctgg acgtgctgtt caaagtgtgc cgctacgagg 840
 56 gcttcttcag cctgtggaag ggcttcacgc cgtactatgc ccgcctgggc cccacacccg 900
 58 tcctcacctt catcttcttg gagcagatga acaaggccta caagcgtctc ttcctcagt 960
 60 gctgaagcgt ttcagggcac acaggacagc agaagatccc ctttgtcagt ggggaaacca 1020
 62 aggcagagct gaggggacag ggaggagcag aagccatcaa gatggtcaaa gggcctgcag 1080
 64 agggagatgt ggcttcctc cccctcattg aggactcaat aaa 1123
 67 <210> SEQ ID NO: 2
 68 <211> LENGTH: 1503
 69 <212> TYPE: DNA
 70 <213> ORGANISM: Homo sapiens; GenBank AF070548
 72 <400> SEQUENCE: 2
 73 cctcgtgcca ggcgtgcgcg cgccctcgct ctgttgcgcg cgcggtgtca ccttgggcgc 60
 75 gagcggggcc gtgcgcgcac gggaccggga gccgagggcc attgagtggc gatggcggcg 120
 77 acggcgagtg ccggggcccg cgggatagac ggggaagcccc gtacctcccc taagtccgtc 180
 79 aagttcctgt ttgggggcct ggccgggatg ggagctacag tttttgtcca gccctggac 240
 81 ctggtgaaga accggatgca gttgagcggg gaaggggcca agactcgaga gtacaaaacc 300
 83 agcttccatg ccctcaccag tatcctgaag gcagaaggcc tgaggggcat ttactactgg 360

ENTERED

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/936,790

DATE: 10/04/2001

TIME: 10:57:11

Input Set : A:\ES.txt

Output Set: N:\CRF3\10042001\I936790.raw

10042001\I936790.raw

```

85 ctgtcggtg gctgctgctg tcaggccacc tacaccaacta cccgccttgg catctatacc 420
87 gtgctgtttg agcgctgac tggggctgat ggtactcccc ctggctttct getgaaggct 480
89 gtgattggca tgaccgcagg tgccactggt gcctttgtgg gaacaccagc cgaagtggct 540
91 cttatccgca tgactgccga tggccggctt ccagctgacc agcgccgtgg ctacaaaaat 600
93 gtgtttaacg ccctgattcg aatcaccggt gaagaggggtg tcttcacact gtggcggggc 660
95 tgcattccca ccatggctcg ggccgtcgtc gtcaatgctg cccagctcgc ctcctactcc 720
97 caatccaagc agttcttact ggactcaggc tacttctctg acaacatctt gtgccacttc 780
99 tgtgccagca tgatcagcgg tcttgtcacc actgctgcct ccatgcctgt ggacattgcc 840
101 aagacccgaa tccagaacat gcggatgatt gatgggaagc cggaatacaa gaacgggctg 900
103 gacgtgctgt tcaaagttgt ccgctacgag ggctttctca gcctgtggaa gggcttcacg 960
105 ccgtactatg cccgcctggg ccccccacac gtccctcaact tcattcttct ggagcagatg 1020
107 aacaaggcct acaagcgtct ctccctcagt ggctgaagcg gccgggggct cccactcgcc 1080
109 tgctgcgct atagccactg cgcctggggg gcctgggctc tgctgccctg gacccctcta 1140
111 tttatttccc ttccacagtg tggtttcttc ctctgcggta aaggacttgg tctgttctac 1200
113 cccctgctcc agcttgccct gctcgtcctg atcctgtgat ttctctgtcc ttggctattc 1260
115 ttgcaggag ctggaaaact tctgaggat ttctggctc cccctgggtt ttagtttcag 1320
117 ggcacacagg acagcagaag atcccccttg tcagtgggga aaccaaggca gagctgaggg 1380
119 gacagggagg agcagaagcc atcaagatgg tcaaagggcc tgcagaggga gatgtggccc 1440
121 ttctctcccc tcattgagga cttaataaat tggattgatg acaccaaaaa aaaaaaaaaa 1500
123 aaa 1503

```

